Corrected copy PATENT APPLICATION FEE DETERMINATION RECORD Application or Docket Number Effective December 8, 2004 CLAIMS AS FILED - PART I SMALL ENTITY OTHER THAN TYPE (Column 1) (Column 2) ·OR SMALL ENTITY U.S. NATIONAL STAGE FEES -RATE FEE RATE . FEE **BASIC FEE** SMALL ENT. = \$ 160 LARGE ENT. = \$ 300 BASIC FEE OR BASIC FEE 3W EXAMINATION FEE Sallafies PCT Arkie 33(1)-All other situations a (4) = \$50/\$100 EXAM. FEE \$ 100 / \$ 200 U.S. IS ISA = \$ 50/1 100 EXAM. FEE SEARCH FEE All other altuations ALL other countries, a SEARCH FEE \$ 280 / \$ 500 \$ 200 / \$,400 SEARCH FEE FEE FOR EXTRA SPEC. P.GS. UZ) minus 100.= / 50 = X \$ 125 = TOTAL CHARGEABLE CLAIMS X*\$ 250 =minus 20 = X \$ 25 =: OR X \$ 50 =INDEPENDENT CLAIMS minus 3 X \$ 100 = MULTIPLE DEPENDENT CLAIM PRESENT OR X \$ 200 =+ \$ 180 = If the difference in column 1 is less than zero, enter "0" in column 2 OR + \$ 360 = TOTAL OR TOTAL CLAIMS AS AMENDED - PART II OTHER THAN (Column 1) (Column 2) SMALL ENTITY (Column 3) OR CLAIMS SMALL ENTITY HIGHEST REMAINING NUMBER ADDI-PRESENT AFTER. PREVIOUSLY ADDI-AMENDMENT RATE AMENDMENT · EXTRA TIONAL PAID FOR RATE TIONAL FEE Total FEE Minus X \$ 25 = X \$ 50'= Independent Minus X \$ 100 = OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X \$ 200 =+ \$.180 = OR + \$ 360 = TOTAL ADDIT. OR TOTAL ADDIT FEE PEE

| | | (CLAIMS | | (Column 2) | (Column 3) PRESENT | | | | | |
|---------|--|---------------------------------|-------------|---|--------------------|--|--|--|--|--|
| ENT B | | REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | | | | | | |
| EDXON . | Total | | Minus | •• | = | | | | | |
| AME | Independent | • | Minua | ••• | 0 | | | | | |
| . • | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | | | | | |

| | γ | | | • |
|---------------------|------------------------|----|--------------|------------------------|
| · RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL FEE |
| X \$ 25 = | | OR | X \$ 60 = | |
| X \$ 100 = | | OR | X \$ 200 = | |
| . + \$-180 = | | OR | + \$ 380 = | - |
| TOTAL ADDIT. FEE | | OR | TOTAL ADDIT. | |

If the entry in column 1 is less than the entry in column 2, write "o" in column 3,

If the "Highest Number Previously Pald For IN THIS SPACE is less than '20', enter '20'. 4 the "Highest Number Previously Paid For IN THIS SPACE is less than '3', enter '3'.

The "Highest Number Previously Paid For" (Total or independent) is the highest number found in the appropriate box in column 1.

PATENT APPLICATION FEE DETERMINATION RECORD Effective October 2, 2008 , 0 594177

Application or Docket Number

Kn Authe-13235

CLAIMS AS FILED - PART I

| <u> </u> | | · | (Colun | mn 1) | ((| Column 2) | S | MALL | ENTITY | OR | LARGE E | NTITY |
|---|--------------------------|--|------------------------------|---|--|--------------------------------|----------------|---|----------------------|----------------|---|------------------------|
| U.S | S. NATIONAL S | STAGE FEES | | | · | | | RATE | FEE |] | RATĘ | FEE |
| BASIC FEE | | SMALL ENT.=\$ | ENT.=\$165 L'ARGE ENT.=\$330 | | BASI | C FEE | | OR | BASIC FEE | | | |
| EXAMINATION FEE | | SMALL ENT. = | \$110 | D LARGE ENT. = \$220 | | EXAM | A. FEE | † | | EXAM. FEE | | |
| SEARCH FEE | | U.S. is ISA = \$50/\$ other countries \$215/\$430 | s = | ALL other situations . \$270/\$550 | | SEAF | RCH FEE | | | SEARCH FEE | | |
| FEE | FEE FOR EXTRA SPEC. PGS. | | minus | 100 = | / 50 = | | X | 135 = | | | X \$'270 = | |
| TOTAL CHARGEABLE CLAIMS | | minus | s 20 = | : | | X | \$ 26 = | | OR | X \$ 52 = | | |
| INDEPENDENT CLAIMS | | | minu | us 3 = | | | × s | 3 110 = | | OR | X \$ 220 = | l |
| MULTIPLE DEPENDENT CLAIM PRE | | | ESENT | - | | | + \$ | 195 = | | OR | + \$ 390 = | |
| * If the difference in column 1 is less | | | ess than zero o | ss than zero, enter "0" in column 2 | | | OTAL | | OR | TOTAL | | |
| * If | | | • | | | | 1, | OTAL | <u> </u> | l Oil | · | |
| * If | | CLAIMS AS (Column 1) | AMENDED - | PART (Colui | " mn 2) | (Column 3) | | MALL E | NTITY | OR | OTHER I | |
| | | CLAIMS AS | • | PART | mn 2) HEST BER DUSLY | | SI | | NTITY ADDITIONAL FEE | | OTHER 1 | |
| | | (Column 1) CLAIMS REMAINING AFTER AMENDMENT | • | PART (Colui HIGH NUM PREVIO PAID | mn 2) HEST BER DUSLY | (Column 3) PRESENT | SI | MALL E | ADDI- TIONAL | | OTHER I | ADDI- TIONAL FEE |
| AMENDMENT A | C | (Column 1) CLAIMS REMAINING AFTER AMENDMENT | AMENDED - | PART (Colui HIGH NUM PREVIO PAID | mn 2) JEST BER DUSLY FOR | (Column 3) PRESENT | Si | MALL E | ADDI- TIONAL | OR | OTHER I SMALL E RATE | ADDI- TIONAL |
| | Total Independent | (Column 1) CLAIMS REMAINING AFTER AMENDMENT | AMENDED - | PART (Colui HIGH NUM PREVIC PAID *** | mn 2) JEST BER DUSLY FOR | (Column 3) PRESENT | SI X S | MALL E | ADDI- TIONAL | OR OR | OTHER TO SMALL ELECTRON RATE X \$ 52 = . | ADDI- TIONAL FEE |
| | Total Independent | (Column 1) CLAIMS REMAINING AFTER AMENDMENT | AMENDED - | PART (Colui HIGH NUM PREVIC PAID *** | mn 2) JEST BER DUSLY FOR | (Column 3) PRESENT EXTRA = 7 | X \$ X \$ TOTA | MALL E ATE 5 26 = 110 = | ADDI- TIONAL | OR OR OR | OTHER 1 SMALL E RATE X \$ 52 = . X \$ 220 = | ADDI- TIONAL FEE |
| | Total Independent | (Column 1) CLAIMS REMAINING AFTER AMENDMENT * ENTATION OF M (Column 1) | AMENDED - | PART (Colui HIGH NUM PREVIC PAID ** 3 | mn 2) liest BER DUSLY FOR 2 | (Column 3) PRESENT EXTRA = 7 | X \$ X \$ TOTA | MALL E ATE 5 26 = 110 = 195 = L ADDIT. | ADDI- TIONAL | OR OR OR | OTHER 1 SMALL EI RATE X \$ 52 = . X \$ 220 = . + \$ 390 = . | ADDI- TIONAL FEE |
| | Total Independent | (Column 1) CLAIMS REMAINING AFTER AMENDMENT 50 1* ENTATION OF M | AMENDED - | PART (Colui HIGH NUM PREVIC PAID *** DENT C | mn 2) iEST BER DUSLY FOR 2 LAIM nn 2) EST BER DUSLY | (Column 3) PRESENT EXTRA = 7 | X \$ + \$ TOTA | MALL E ATE 5 26 = 110 = 195 = L ADDIT. | ADDI- TIONAL | OR OR OR | OTHER 1 SMALL EI RATE X \$ 52 = . X \$ 220 = . + \$ 390 = . | ADDI- TIONAL FEE |

FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM

Minus

Minus

AMENDME

Total

Independent

OR

OR

X \$ 52 =

X \$ 220 =

+ \$ 390 =

TOTAL ADDIT.

X \$ 26 =

X \$ 110 =

+ \$ 195 =

OTAL ADDIT

FEE

[.] If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

^{**} If the "Highest Number Previously Paid For" IN THIS SPACE is less than '20', enter "20".

^{***} If the "Highest Number Previously Paid For" IN THIS SPACE is less than '3', enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.